

Driscoll

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EPA Region 5 Records Ctr.



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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION V

DATE: 10-31-91

FROM: Steve Faryan, OSC, Region V, Chicago, IL

TO: S. Luftig - Attn. T. Johnson, U.S. EPA, Wash D.C.,  
OS-210 (EPA5511)  
R. Bowden, Chief, Emergency Response Branch,  
Chicago, IL; 5HS (EPA9538)  
T. Gioia, Chief, Response Section 2,  
Chicago, IL; 5HS (EPA9538)  
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Chicago, IL; (EPA 9538)  
D. O'Riordan, OFC PUB AFF, Chicago, IL; 5PA (EPA9513)  
Bob Carson, Illinois Environmental Protection Agency,  
Springfield, IL

SUBJECT: Driscoll & Company, Inc site, Chicago, Cook County, IL  
D.O. # 7460-05-196, Site ID# NP  
TIME PERIOD: 10-25-91 through 10-31-91  
POLREP# 4

SITUATION: Driscoll and Company, Inc is located at 3145 West Grand Avenue in Chicago, Illinois. This site is an abandoned electroplating facility comprising of two buildings. Both the buildings contained electroplating vats, tanks and drums with various chemicals in them. In addition, the southern building also contained several lab chemicals. Site assessment by OSC, S. Faryan and Technical Assistance Team has revealed cyanide concentrations upto 9,700 ppm, chromium concentrations upto 10,500 ppm, and nickel concentrations upto 457,000 ppm. The U.S. EPA has initiated an immediate removal action at this site on September 3, 1991. Phase 1 of this removal action involved compatibility testing of various samples and phase 2 involves removal of all the hazardous wastes on-site.

Phase 1 activities concluded on 10-1-91. Phase 2 activities began on 10-15-91.

ACTIONS  
TAKEN:

- 1) OHM crew is involved in removing non-hazardous debris and metal scrap from both the buildings of the Driscoll site.
- 2) One 20 yd<sup>3</sup> roll off box containing non-hazardous special wastes was removed and disposed of at CID Landfill in Calumet City on October 25.
- 3) On 10-29-91, one tank containing approximately 3,000 gallons of chromic acid liquid was shipped to

Cyanokem disposal facility in Detroit, Michigan.

4) On 10-30-91, one tank containing approximately 3,350 gallons of low concentration cyanide liquid was shipped to Cyanokem disposal facility in Detroit, Michigan.

5) On 10-31-91, one tank containing approximately 2,600 gallons of low concentration cyanide liquid was shipped to Cyanokem disposal facility in Detroit, Michigan.

6) Sludge samples have been collected from the bottom of the cyanide tanks and vats and sent to cyanokem facility on 10-30-91 for their quotes on disposal.

7) OHM crew started bulking base/neutral liquids on October 30. These liquids are being bulked in the frac tank located in the northern building.

8) OHM chemist is involved in hazcating and bulking lab chemicals for ultimate disposal

9) OHM crew started cutting empty poly drums on October 31, for ultimate disposal as special waste.

#### FUTURE

#### ACTIONS:

1) All non-hazardous debris will be removed and disposed of.

2) Base/neutral, acid, caustic and miscellaneous waste groups will be bulked accordingly and disposed off-site at the selected disposal facilities.

3) All cyanide sludges from the bottom of the vats, tanks and drums will be bulked with the floor sweeps. This bulked group will be stabilized with hypochlorite and cement before disposing off-site at an approved disposal facility.

4) All base/neutral sludges will be bulked and disposed off-site at an approved disposal facility.

4) After pumping out the liquids, the vats and tanks will be decontaminated, and then disposed of as non-hazardous waste.

5) All the empty drums will be crushed and recycled as scrap metal or as special waste.

6) All the structures and floors of the site buildings will be decontaminated with water.

7) Loose asbestos and bags of asbestos will be removed and disposed.

#### COSTS:

#### TOTAL TO DATE

#### CEILING

ERCS \$ 253,928.39	750,000.00
TAT \$ 32,796.40	55,000.00
EPA \$ 7,830.00	9,000.00

STATUS: Pending

Attachment: Waste disposal summary table

WASTE DISPOSAL SUMMARY TABLE  
DRISCOLL & COMPANY, INC

WASTE CATEGORY	QUANTITY	DATE SHIPPED	MANIFEST NUMBER	DISPOSAL METHOD	FACILITY, LOCATION
HAZARDOUS SOLID WASTE	20 YD <sup>3</sup>	10/18/91	00001	LANDFILL	CWM/CID, CALUMET, IL
HAZARDOUS SOLID WASTE	20 YD <sup>3</sup>	10/22/91	00002	LANDFILL	CWM/CID, CALUMET, IL
HAZARDOUS SOLID WASTE	20 YD <sup>3</sup>	10/25/91	00003	LANDFILL	CWM/CID, CALUMET, IL
HYDROFLUORIC ACID 2, D007	3,000 GAL	10/29/91	00004	TREATMENT	CYANOKEM, DETROIT, MI
5% CONC. CYANIDE LIQ, F007	3,350 GAL	10/30/91	00005	TREATMENT	CYANOKEM, DETROIT, MI
5% CONC. CYANIDE LIQ, F007	2,600 GAL	10/31/91	00006	TREATMENT	CYANOKEM, DETROIT, MI